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Sheet 1 of 9

Form 1449\*

Atty. Docket No.: 303.324US2

Serial No. Unknown

9/25664

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant: Leonard Forbes et al.

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Group: Unknown フタン

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
1,4	-					
<u> </u>	4,460,670	07/01/1984	Ogawa, et al.	430	57	11/19/82
	4,507,673	03/26/1985	Aoyama, M., et al.	357	23 R	09/21/83
<del></del>	_ 4,657,699	04/01/1987	Nair	252	513	12/17/84
<del></del>	4,738,729	04/01/1998	Yoshida, et al.	136	258	01/27/87
	4,769,686	09/06/1988	Horiuchi, M., et al.	357	23.8	06/19/87
	4,893,273	01/09/1990	Usami	365	185	03/21/86
	5,111,430	05/05/1992	Morie	365	185	06/21/90
	_ 5,145,741	09/01/1992	Quick	428	402	02/28/91
	5,260,593	11/09/1993	Lee, R.R.	257	316	12/10/91
	5,293,560	03/08/1994	Harari	365	185	11/03/92
	<u> </u>	03/29/1994	Tawel, R.	307	201	07/08/92
	5,369,040	11/29/1994	Halvis, et al.	437	3	04/12/93
	5,449,941	09/12/1995	Yamazaki, S., et al.	257	411	10/27/92
	_ 5,465,249	11/07/1995	Cooper, et al.	365	149	11/26/91
	5,477,485	12/19/1995	Bergemont, et al.	365	185.24	02/22/95
	5,508,543	04/16/1996	Hartstein, et al.	257	314	04/29/94
	_ 5,530,581	06/25/1996	Cogan	359	265	05/31/95
	5,580,380	12/03/1996	Liu, et al.	117	86	01/30/95
	_ 5,604,357	02/18/1997	Hori, T.	257	24	07/11/95
	_ 5,623,442	04/22/1997	Gotou, H., et al.	365	185.08	06/08/94
	_ 5,629,222	05/13/1997	Yamazaki, S., et al.	438	259	04/28/95
	5,670,790	09/23/1997	Katoh, et al.	257	14	09/19/96
	_ 5,714,766	02/03/1998	Chen, et al.	257	20	09/29/95
	_ 5,740,104	04/14/1998	Forbes, L.	365	185.03	01/29/97
1,	5,754,477	05/19/1998	Forbes, L.	365	185.33	01/29/97
<u>V</u>	_ 5,786,250	07/28/1998	Wu, Z., et al.	438	254	03/14/97
m	_ 5,801,401	09/01/1998	Forbes, L.	257	77	01/29/97

## FOREIGN PATENT DOCUMENTS

**Examiner						Transla	tion
Initial	Document Number	Date	Country	Class	Subclass	Yes	No
m	. 3-222367	10/01/1991	Japan	HO1L	29/784		y
	6-224431	08/12/1994	Japan	H01L	29/784		∕∞
- prot	. 6-302828	10/28/1994	Japan	H01L	29/788		Ý
<u> </u>	8-255878	10/01/1996	Japan	H01L	27/10		8

# OTHER DOCUMENTS

\*\*Examiner (Including Author, Title, Date, Pertinent Pages, Etc.)
Initial

Examiner Michael Trill Date Considered 6/30/00

<sup>\*</sup>Substitute Disclosure Statement Form (PTO-1449)

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*****		Silect 2 01 9
Form 1449*	Atty. Docket No.: 303.324US2	Serial No. Unknown
INFORMATION DISCLOSURE STATEMENT	Applicant: Leonard Forbes et al.	
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: Unknown VIV

### OTHER DOCUMENTS

\*\*Examiner Initial

M	Akasaki, I., et al., "Effects of AlN Buffer Layer on Crystallographic Structure and on Electrical and Optical Properties of GaN and $Ga(1-x)Al(x)N$ [0< x (< or =) 0.4] Films Grown on Sapphire Substrate by MOVPE", J. Crystal Growth, 98, 209-219, (1989)
~	Alok, D., et al., "Electrical Properties of Thermal Oxide Grown on N-type 6H-Silicon Carbide", <u>Applied Physcis Letters, 64</u> , 2845-2846, (May 23, 1994)
pet	Andrieux, M., et al., "Interface and Adhesion of PACVD SiC Based Films on Metals", Supp. "Le Vide: science, technique et applications, 279, 212-214, (1996)
MT	Bachmann, P., et al., "Influence on Surface Modifications on the Electronic Properties of CVD Diamond Films", <u>Diamond and Related Materials, 5</u> , 1378-1383, (1996)
pri -	Baglee, D., "Characteristics & Reliability of 100 Angstrom Oxides", <u>IEEE 22nd</u> <u>Annual Proc.: Reliability Physics</u> , Las Vegas, 152-155, (April 3-5, 1984)
	Beheim, G., et al., "Magnetron Plasma Etching of SiC for Microstructures", Proc: SPIE - Integrated Optics and Microstructures III, San Jose, CA, 82-86, (Jan 29, 1996)
	Bengtsson, S., et al., "Applications of Aluminum Nitride Films Deposited by Reactive Sputtering to Silicon-On-Insulator Materials", <u>Japanese J. Applied Physics, 35</u> , 4175-4181, (1996)
	Benjamin, M., et al., "UV Photoemission Study of Heteroepitaxial AlGaN Films Grown on 6H-SiC", <u>Applied Surface Science, 104/105</u> , 455-460, (1996)
	Bermudez, V., et al., "The Growth and Properties of Al and AlN Films on GaN(0001)-(1 x 1)", <u>J. Applied Physics, 79</u> , 110-119, (Jan. 1996)
	Casey, H., et al., "Low Interface Trap Density for Remote Plasma Deposited SiO2 on n-type GaN", Applied Phys. Lett., 68, 1850-1852, (March 1996)
M	Chang, C., et al., "Novel Passivation Dielectrics-The Boron- or Phosphorus-Doped Hydrogenated Amorphous Silicon Carbide Films", <u>Journal of the Electrochemical Society</u> , 132, 418-422, (Feb. 1985)

Examiner M	riheal	Trinh	Date Considered	6/20/00
*Substitute Disclosure St	tatement Form (DTO-1	440)		

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Sheet 3 of 9		
Form 1449*	Atty. Docket No.: 303.324US2	Serial No. Unknown		
INFORMATION DISCLOSURE STATEMENT	Applicant: Leonard Forbes et al.			
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: Unknown		

\*\*Examiner Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

mi	Choi, J., et al., "Effect of Deposition Conditions and Pretreatments on the Microstructure of MPECVD Diamond Thin Films", <u>Materials Chemistry and Physics</u> , 45, 176-179, (1996)
	Clarke, G., et al., "The Infrared Properties of Magnetron-Sputtered Diamond-Like Thin Films", <u>Thin Solid Films</u> , 280, 130-135, (1996)
	Compagnini, G., et al., "Spectroscopic Characterization of Annealed Si(1-x)C(x) Films", J. Materials Res., 11, 2269-2273, (Sept. 1996)
	Dartnell, N., et al., "Reactive Ion Etching of Silicon Carbide (Si(x)C(1-x))", Vacuum, 46, 349-355, (1995)
	Demichelis, F., et al., "Influence of Doping on the Structural and Optoelectronic Properties of Amorphous and Microcrystalline Silicon Carbide", Journal of Applied Physics, 72, 1327-1333, (Aug. 15, 1992)
	Demichelis, F., et al., "Physical Properties of Undoped and Doped Microcrystalline SiC:H Deposited By PECVD", <u>Materials Research Society</u> Symposium Proceedings, 219, Anaheim, CA, 413-418, (4/30 - 5/3, 1991)
	Dipert, B., et al., "Flash Memory Goes Mainstream", <u>IEEE Spectrum, 30</u> , 48-52, (1993)
	Fissel, A., et al., "Epitaxial Growth of SiC Thin Films on Si-stabilized alpha-SiC (0001) at Low Temperatures by Solid-source Molecular Beam Epitaxy", Journal of Crystal Growth, 154, 72-80, (1995)
	Friedrichs, P., et al., "Interface Properties of Metal-Oxide-Semiconductor Structures on N-Type 6H and 4H-SiC", <u>J. Applied Physics, 79</u> , 7814-7819, (May 15, 1996)
	Fujii, T., et al., "Bonding Structures in Highly Photoconductive a-SiC:H Films Deposited by Hybrid-Plasma Chemical Vapor Deposition", <u>Journal of Non-Crystalline Solids, 198-200</u> , 577-581, (1996)
	Goetzberger, A., et al., <u>Applied Solid State Science: Advances in Materials and Device Research</u> , R. Wolfe, ed., Academic Press, New York, Including pg. 233, (1969)
MA	Graul, J., et al., "Growth Mechanism of Polycrystalline beta-SiC Layers on Silicon Substrate", Applied Phys. Lett., 21, 67-69, (July 1972)
Examiner	Michael Trick Date Considered 6/38/00

\*Substitute Disclosure Statement Form (PTO-1449)

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Sheet 4 of 9
Form 1449*	Atty. Docket No.: 303.324US2	Serial No. Unknown
INFORMATION DISCLOSURE STATEMENT	Applicant: Leonard Forbes et al.	
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: Unknown

\*\*Examiner Initial

	Hamakawa, Y., et al., "Optoelectronics and Photovoltaic Applications of Microcrystalline SiC", <u>Materials Research Society Symposium Proceedings, 164</u> , Boston, MA, 291-301, (11/29-12/1, 1989)
	He, Z., et al., "Ion-beam-assisted Deposition of Si-carbide Films", Thin Solid Films, 260, 32-37, (1995)
	Hu, G., et al., "Will Flash Memory Replace Hard Disk Drive?", <u>1994 IEEE</u> <u>International Electron Device Meeting</u> , Panel Discussion, Session 24, Outline, 1 p., (Dec. 13, 1994)
	Hwang, J., et al., "High Mobility beta-SiC Epilayer Prepared by Low-pressure Rapid Thermal Chemical Vapor Deposition on a (100) Silicon Substrate", Thin Solid Films, 272, 4-6, (1996)
	Jou, S., et al., "Electron Emission Characterization of Diamond Thin Films Grown from a Solid Carbon Source", <u>Thin Solid Films</u> , <u>280</u> , 256-261, (1996)
	Kothandaraman, M., et al., "Reactive Ion Etching of Trenches in 6H-SiC", <u>J.</u> <u>Electronic Materials, 25</u> , 875-878, (1996)
	Kumbhar, A., et al., "Growth of Clean Amorphous Silicon-Carbon Alloy Films by Hot-Filament Assisted Chemical Vapor Deposition Technique", <u>Applied Phys.</u> <u>Lett. 66</u> , 1741-1743, (April 1995)
	Lakshmi, E., et al., "Interface-State Characteristics of GaN/GaAs MIS Capacitors", <u>Solid-State Electronics, 25</u> , 811-815, (1982)
	Lanois, F., et al., "Angle Etch Control for Silicon Carbide Power Devices", Applied Phys. Lett., 69, 236-238, (July 1996)
	Lau, S., et al., "Optoelectronic Properties of Highly Conductive Microcrystalline SiC Produced by Laser Crystallization of Amorphous SiC", <u>J. of Non-Crystalline Solids, 198-200</u> , 907-910, (1996)
	Leggieri, G., et al., "Laser Ablation Deposition of Silicon Carbide Films", Applied Surface Science, 96-98, 866-869, (1996)
N. T	Lei, T., et al., "Epitaxial Growth and Characterization of Zinc-Blende Gallium Nitride on (001) Silicon", <u>J. Appl. Phys., 71</u> , 4933-4943, (May 1992)

Examiner	Michael	Trish	Date Considered	6/30	(w	
*Substitute Disclosur	e Statement Form (PTO-	1449)		, –		

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form 1449*	Atty. Docket No.: 303.324US2	Serial No. Unknown	
INFORMATION DISCLOSURE STATEMENT	Applicant: Leonard Forbes et al.		
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: Unknown	

\*\*Examiner Initial

M	Liu, J., et al., "Formation of SiC Films on Silicon Field Emitters",  Materials Res. Soc. Symp. Proc., 311, San Francisco, CA, (April 13-15, 1993)
	Liu, J., et al., "Modification of Si Field Emitter Surfaces by Chemical Conversion to SiC", <u>J. Vac. Sci. Technology</u> , <u>B 12</u> , 717-721, (1994)
	Luo, J., et al., "Localized Epitaxial Growth of Hexagonal and Cubic SiC Films on Si by Vacuum Annealing", Applied Phys. Lett., 69, 916-918, (Aug. 1996)
	Martins, R., et al., "Transport Properties of Doped Silicon Oxycarbide Microcrystalline Films Produced by Spatial Separation Techniques", <u>Solar</u> <u>Energy Materials and Solar Cells, 41-42</u> , 493-517, (1996)
	Martins, R., et al., "Wide Band Gap Microcrystalline Silicon Thin Films", Diffusion and Defect Data: Solid State Phenomena, 44-46, Part 1, Scitec Publications, 299-346, (1995)
	Maury, F., et al., "Chemical Vapor Co-Deposition of C and SiC at Moderate Temperature for the Synthesis of Compositionally Modulated Si(x)C(1-x) Ceramic Layers", Surface and Coatings Technology, 76-77, 119-125, (1995)
	McLane, G., et al., "High Etch Rates of SiC in Magnetron Enhanced SF(6) Plasmas", <u>Applied Phys. Lett., 68</u> , 3755-3757, (June 1996)
	Mogab, C., et al., "Conversion of Si to Epitaxial SiC by Reaction with C(2)H(2)", <u>J. Applied Physics, 45</u> , 1075-1084, (March 1974)
	Molnar, R., et al., "Growth of Gallium Nitride by Electron-Cyclotron Resonance Plasma-Assisted Molecular-Beam Epitaxy: The Role of Charged Species", <u>J. Appl. Phys., 76</u> , 4587-4595, (1994)
	Muller, K., et al., "Trench Storage Node Technology for Gigabit DRAM Generations", <u>Digest IEEE International Electron Devices Meeting</u> , San Francisco, CA, 507-510, (Dec. 1996)
	Nemanich, P., et al., "Diamond Negative Electron Affinity Surfaces, Structures and Devices", <u>Proc.: Third International Conference on</u> <u>Applications of Diamond Films and Related Materials, 1</u> , Gaithersburg, MD, 17-24, (1995)
mx	Nemanich, R., et al., "Negative Electron Affinity Surfaces of Aluminum Nitride and Diamond", <u>Diamond and Related Materials</u> , 5, 790-796, (1996)
Examiner	Michael Tril Date Considered 6/00

<sup>\*</sup>Substitute Disclosure Statement Form (PTO-1449)

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

9/256643 Sheet 6 of 9

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Form 1449*	Atty. Docket No.: 303.324US2	Serial No. Unknown	
INFORMATION DISCLOSURE STATEMENT	Applicant: Leonard Forbes et al.		
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: Unknown 282	

# OTHER DOCUMENTS

\*\*Examiner Initial

ME	Ouyang, M., et al., "Deposition of Diamond-Like Carbon Films via Excimer Laser Ablation of Polybutadiene", <u>Materials Science and Engineering, B39</u> , 228-231, (1996)
	Pankove, J., "Photoelectric Emission", <u>In: Optical Processes in</u> <u>Semiconductors</u> , Dover Publications Inc., New York, 287-301, (1971)
	Pankove, J., et al., "Photoemission from GaN", <u>Applied Phys. Lett., 25,</u> 53-55, (1974)
	Papadas, C., et al., "Modeling of the Intrinsic Retention Charcteristics of FLOTOX EEPROM Cells Under Elevated Temperature Conditions", <u>IEEE Transaction on Electron Devices</u> , 42, 678-682, (April 1995)
	Patuwathavithane, C., et al., "Oxidation Studies for 6H-SiC", <u>Proc: 4th Int.</u> <u>Conf. on Amorphous and Crystalline Silicon Carbide IV</u> , Santa Clara, CA, 163-169, (Oct. 9-11, 1991)
	Pereyra, I., et al., "Wide Gap a-Si(1-x)C(x): H Thin Films Obtained Under Starving Plasma Deposition Conditions", J. Non-Crystalline Solids, 201, 110-118, (1996)
	Pollack, S., "Electron Transport Through Insulating Thin Films", Appl. Solid-State Science, 1, 345-355, (1969)
	Prendergast, J., "FLASH or DRAM: Memory Choice for the Future", <u>IEEE</u> <u>Electron Device Meeting, Session 25</u> , Phoenix, AZ, (1995)
	Rahman, M., et al., "Preparation and Electrical Properties of An Amorphous. SiC/ Crystalline Si p(+)n Heterostructure", <u>Japanese J. Applied Physics, 23</u> , 515-524, (May 1984)
	Renlund, G., et al., "Silicon Oxycarbide Glasses: Part I. Preparation and Chemistry", <u>Journal of Materials Research, 6</u> , 2716-2722, (December 1991)
	Renlund, G., et al., "Silicon Oxycarbide Glasses: Part II. Structure and Properties", <u>Journal of Materials Research</u> , 6, 2723-2734, (December 1991)
7%	Schmidt, I., et al., "Low Temperature Diamond Growth Using Fluorinated Hydrocarbons", <u>Diamond and Related Materials</u> , 5, 1318-1322, (1996)

Examiner Michael Tril	Date Considered 6(2060)
-----------------------	-------------------------

<sup>\*</sup>Substitute Disclosure Statement Form (PTO-1449)

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT	Applicant: Leonard Forbes et al.		
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: Unknown	

\*\*Examiner Initial

ma	Serre, C., et al., "Ion-Beam Synthesis of Amorphous SiC Films: Structural Analysis and Recrystallization", <u>J. Appl. Phys., 79</u> , 6907-6913, (May 1996)
	Sim, S., et al., "A New Planar Stacked Technology (PST) for Scaled and Embedded DRAMs", <u>Digest IEEE Int. Electron Devices Meeting</u> , San Francisco, CA, 504-507, (Dec. 1996)
	Suzaki, Y., et al., "Quantum Size Effects of a-Si(:H)/a-SiC(:H) Multilayer Films Prepared by rf Sputtering", Abstracts of Papers Published in the Int. J. Japenese Soc. for Precision Engineering, 28, Abstract of Paper in vol. 60, 182, (June 1994)
	Svirkova, N., et al., "Deposition Conditions and Density-of-States Spectrum of a-Si(1-x)C(x): H Films Obtained by Sputtering", Semiconductors, 28, 1164-1169, (Dec. 1994)
	Sze, S., <u>Physics of Semiconductors</u> , 2nd Edition., John Wiley & Sons, Pub., New York, ISBN 0471056618, (1981)
	Tarui, Y., "Flash Memory Features Simple Structure, Superior Integration", <u>JEE, 30</u> , 84-87, (Sept. 1993)
	Tenhover, M., et al., "DC-Magnetron Sputtered Silicon Carbide", <u>Materials</u> <u>Res. Soc. Symp. Proc., 356</u> , Boston, MA, 227-232, (11/28-12/02, 1994)
	Thomas, J., et al., "Plasma Etching and Surface Analysis of a-SiC :H Films Deposited by Low Temperature Plasma Enhanced Chemical Vapor Deposition", Materials Res. Soc. Symp. Proc., 334, Boston, MA, 445-450, (11/29-12/02, 1993)
	Tiwari, S., et al., "A silicon nanocrystal based memory", Appl. Physics Lett., 68, 1377-1379, (1996)
	Tiwari, S., et al., "Volatile and Non-Volatile Memories in Silicon with Nano-Crystal Storage", <u>Int'l Electron Devices Meeting: Technical Digest</u> , Washington, DC, 521-524, (Dec. 1995)
px	Tsu, R., et al., "Tunneling in Nanoscale Silicon Particles Embedded in an SiO/sub/2 Matrix", <u>Abstract, IEEE Device Research Conference</u> , 178-179, (1996)

Examiner Miller Tril	Date Considered 6/20/00
*Substitute Disclosure Statement Form (PTO-1449)	

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

9/256643 Sheet 8 of 9

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INFORMATION DISCLOSURE STATEMENT	Applicant: Leonard Forbes et al.		<del></del>
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: <del>Unknown</del>	285

# OTHER DOCUMENTS

\*\*Examiner Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

ms	Tucker, C., et al., "Ion-beam-assisted Deposition of Nonhydrogenated a-Si:C Films", Can. J. Physics, 74, 97-101, (1996)		
	van der Weide, J., et al., "Negative-electron-affinity Effects on the Diamond (100) Surface", Physical Review B [Condensed Matter], 50, 5803-5806, (Aug. 15, 1994)		
	Vodakov, Y., et al., "Diffusion and Solubility of Impurities in Silicon Carbide", <u>In: Silicon Carbide</u> , R.C. Marshall, et al., eds., Univ. of South Carolina Press, 508-519, (1973)		
	Wahab, Q., et al., "3C-SiC / Si / 3C-SiC Epitaxial Trilayer Films Deposited on Si (111) Substrates by Reactive Magnetron Sputtering", <u>J. Materials Res.,</u> 10, 1349-1351, (June 1995)		
	Watanabe, A., et al., "SiC Thin Film Preparation by ArF Excimer Laser Chemical Vapor Deposition. Part 1: Rate of Photolysis of Alkylsilanes by ArF Excimer Laser and their Decomposition Products", Thin Solid Films, 274, 70-75, (1996)		
	Wolter, S., et al., "Textured Growth of Diamond on Silicon via in situ Carburization and Bias-Enhanced Nucleation", <u>Appl. Phys. Lett., 62</u> , 1215-1217, (March 1993)		
	Wu, K., et al., "The Growth and Characterization of Silicon/Silicon Carbide Heteroepitaxial Films on Silicon Substrates by Rapid Thermal Chemical Vapor Deposition", <u>Japanese J. Appl. Phys., 35</u> , 3836-3840, (1996)		
	Yamaguchi, Y., et al., "Properties of Heteroepitaxial 3C-SiC Films Grown by LPCVD", Digest of Tech. Papers: 8th Int. Conf. on Solid-State Sensors and Actuators and Eurosensors IX, vol. 2, Stockholm, Sweden, 190-193, (June 1995)		
	Yamanashi, H., et al., "Deposition of Silicon Compound Thin Films in DC Discharge Plasma Using Hydrogen-Hexamethyldisilane Gas Mixture", <u>Proc.: Int. Symp. on Surfaces and Thin Films of Electronic Materials</u> . Bull. of the Res. Institute of Electronics, Shizuoka University, 30, 95-98, (1995)		
MT	Yee, A., et al., "The Effect of Nitrogen on Pulsed Laser Deposition of Amorphous Silicon Carbide Films: Properties and Structure", <u>J. Materials Research</u> , 11, 1979-1986, (1996)		
Examiner	Milal Tril Date Considered 6/20/00		

\*Substitute Disclosure Statement Form (PTO-1449)

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		9	256647 Sheet 9 of 9
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\*\*Examiner Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

"Wide Bandgap Semiconductor Materials and Devices",  ${\tt IEEE}$ Yoder, M., Transactions on Electron Devices, 43, 1633-1636, (October 1996)

Date Considered 6/26/10 Examiner





Sheet 1 of 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.: 303.324US2

Serial No. 09/256,643

Applicants: Leonard Forbes et al.

Filing Date: February 23, 1999

Group: 2822

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Ma	_ 5,846,859	12/08/1998	Lee, S.	438	253	02/23/96

FOREIGN PATENT DOCUMENTS

**Examiner						Translation	_
Initial	Document Number	Date	Country	Class	Subclass	Yes No	
My	60-184681	09/20/1985	Japan	C23C	16/30	With Abstract	$\overline{}$
MS_	60-242678	12/02/1985	Japan	HO1L	29/78	With Abstract	×

OTHER DOCUMENTS

\*Examiner (Including Author, Title, Date, Pertinent Pages, Etc.)
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Sheet 1 of 1

Form 1449\*

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Serial No. 09/256,643

Applicant: Leonard Forbes et al.

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Group: 2822

U.S. PATENT DOCUMENTS

*Examiner Initial Document	Number	Date	Name	Class	Subclass	Filing Date If Appropriate
m						
5,886	3,368	03/23/1999	Forbes, L., et al.	257	. 77	07/29/97
5,898	3,197	04/27/1999	Fujiwara, H.	257	317	06/03/97

FOREIGN PATENT DOCUMENTS

**Examiner		· <u>-</u>				•	Translation	
Initial	Document Number	Date	Country	c	Class	Subclass	Yes No	_
mo	_08-255878-TR	10/01/1996	Japan	F	HO1L	27/10		<u>~</u>

OTHER DOCUMENTS

\*\*Examiner Initial (Including Author, Title, Date, Pertinent Pages, Etc.)

Sze, S.M., <u>In: Physics of Semiconductor Devices</u>, York, p. 496-497, (1969)

Wiley-Interscience, New

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Examiner	Michael	Trial	Dat	e Considered	100
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Sheet 1 of 1

Form 1449\*

Initial

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.: 303.324US2

Serial No. 09/256,643

Applicant: Leonard Forbes et al.

Filing Date: February 23, 1999

Group: 2822

U.S. PATENT DOCUMENTS

*Bxaminer Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
m	_ 4,849,797	07/18/1989	Ukai, Y., et al.	357	237	01/20/88
		F	OREIGN PATENT DOCUMENT:	3		
*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 1 of 1

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U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MT	_ 5,049,950 <sup>§</sup>	09/17/1991	Fujii, Y., et al.	357	2	08/09/90
		F	DREIGN PATENT DOCUMENTS			
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No

\*Examiner (Including Author, Title, Date, Pertinent Pages, Etc.)
Initial

MT

Sakata, I., et al., "Amorphous silicon/amorphous silicon carbide heterojunctions applied to memory device structures", <u>Electronics Letters</u>, 30(9), pp. 688-689, (April 1994)

DEC -1 150

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Examiner	Michael Trial	Date Considered	
*Substitute Disclo	sure Statement Form (PTO-1449)		

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Sheet 1 of 1

Form 1449\*

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Atty. Docket No.: 303.324US2

Fial No. 09/256,643

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Applicant: Leonard Forbes et al.

Filing Date: February 23, 1999

Group: 2822

### U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
ur	-		•			
<i>F</i> · ·	_ 5,235,195	08/10/1993	Tran, N.T., et al.	257	59	10/19/92
$-\!$	_ 5,415,126	05/16/1995	Loboda, M.J., et al.	117	88	08/16/93
<del>- </del>	_ 5,455,432	10/03/1995	Hartsell, M.L., et al.	257	77	10/11/94
₩_	_ 5,562,769	10/08/1996	Dreifus, D.L., et al.	117	86	02/22/95
ma	_ 5,877,041	03/02/1999	Fuller, R.T.	438	105	06/30/97

## FOREIGN PATENT DOCUMENTS

**Examiner		, <u> </u>			Translati	on
Initial Document I	Number Date	Country	Class	Subclass	Yes	No .
07-226	5507 08/22/1	995 Japan	HOLL	29/78		X

#### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

Michael Trink

Date Considered

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<sup>\*</sup>Substitute Disclosure Statement Form (PTO-1449)

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.